



Reaction Optimisation

Wednesday 24 April 2013

GlaxoSmithKline, Stevenage, UK

Organised by SCI's Young Chemists' Panel



Programme

- 09:45** Registration and refreshments
- 10:30** **Welcome and introduction**
- 10.35** **The implementation of innovative experimental design technologies on Trametinib**
Kate Llewellyn, GlaxoSmithKline
- 11.25** **selectAZyme biotransformation and scale-up**
Tom Moody, Almac
- 12.15** Lunch
- 13.15** **Catalysis and kinetics**
David Fox, University of Warwick
- 14.05** **The power of PCA in the search for reaction understanding**
Jonathan Moseley, CatSci
- 14.55** Refreshments
- 15.10** **New trends in catalytic reductions**
Antonio Zanotti-Gerosa, Johnson Matthey
- 16.00** **Plenary lecture**
Monitoring flow streams for multi-step transformations
Ian Baxendale, University of Durham
- 17.00** Close of conference and wine reception

Organisers

Robert Wybrow, Peakdale Molecular
Tom Hayhow, GlaxoSmithKline
Patrick Delaney, GPE Scientific



Synopsis

Many chemists working in standard chemistry laboratories consider reaction optimisation techniques as reserved only for process development groups. The aim of this conference is to show that these techniques can be used regardless of scale and in the everyday lab environment.

A range of industrial and academic speakers who are experts in their chosen field, will highlight and explore state of the art tools for reaction design and optimisation across a broad spectrum of chemical space such as catalysis, kinetics and reaction design. The plenary talk will be given by one of the UK's leading researchers in flow chemical synthesis and microreactor technology and will describe the huge diversity possible using these systems.

Attendees

The conference is aimed at a broad spectrum of chemists working either in academia or the various sectors of the chemical industry. It is especially relevant for those who have an interest in learning processes used in scale up and how to apply them in their day-to-day work.

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